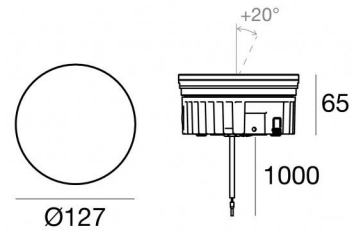




Uplights | 1 arrayLED 13 W DC 24 V | CRI 80  
82692N15



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	upward
Nominal power	13 W DC
Source lumens	1854 lm
Input voltage range	24 V
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP68
Installation limitations	Not for underwater use
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
C.V. - C.C. Converter	Converter 24V included
Dimmable article	No
Directional	No
Tilting	Yes
total angle (vertical plane)	20 °
Walk-over	Yes
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.9 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb
Product technological characteristics	Acquastop

#### Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Open pore anodizing + Powder Coating

#### Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

#### Electronics



89179  
On/Off Driver 198-264V AC 24 W (1 art.)



89359  
On/Off Driver 198-264V AC / 180-275V DC 48 W (1 - 3 art.)



99331  
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 11 art.)



99660  
DALI - 1-10V Controller 24V DC 216 W (- art.)



C-E500023  
DALI - 1-10V - Push and Simply Dim Controller 8-53V DC 576 W (- art.)

#### Cables Electrification

Cable connector	No
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## Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 | Base 82692N15

Single emission uplights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1854 lm, with a 142.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP68; the total weight is of 0.9 kg.

The total absorbed power is 13 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code 83040(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

### Energy efficiency class

This product contains a light source of energy efficiency class D.

### Illuminotechnical Features

Light Output Ratio (LOR)	47 %
Source lumens	1854 lm
Delivered lumens	875 lm
Consumption	13 W
Luminaire efficacy	67 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

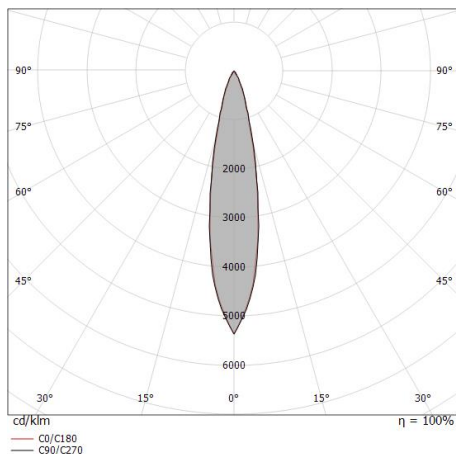
L70 B10 C0 296960h (at Tj 65 Ta 25 )

### UGR

UGR axial	6.1
UGR transversal	5.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	21°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.19 0.18	18783	10.5° 8965	10.3° 8967
1.0	0.37 0.36	4696	10.5° 2241	10.3° 2242
1.5	0.56 0.55	2087	10.5° 996	10.3° 996
2.0	0.74 0.73	1174	10.5° 560	10.3° 560
2.5	0.93 0.91	751	10.5° 359	10.3° 359
3.0	1.11 1.09	522	10.5° 249	10.3° 249

— C0/C180 (Half-peak divergence: 20.6°)  
— C90/C270 (Half-peak divergence: 21.0°)

### COLOR VECTOR GRAPHIC





Orma\_FJ | Uplights | Accessories  
**82692N15**



Outer casing

installation position: floor, land; type of installation: masonry L=127mm, H=88mm,  
D=127mm.

Material:ABS Plastic, colour:black.

**Code**

99924



Outer casing

installation position: floor, land; type of installation: masonry L=127mm, H=88mm,  
D=127mm.

Material:ABS Plastic, colour:black.

**Code**

83040